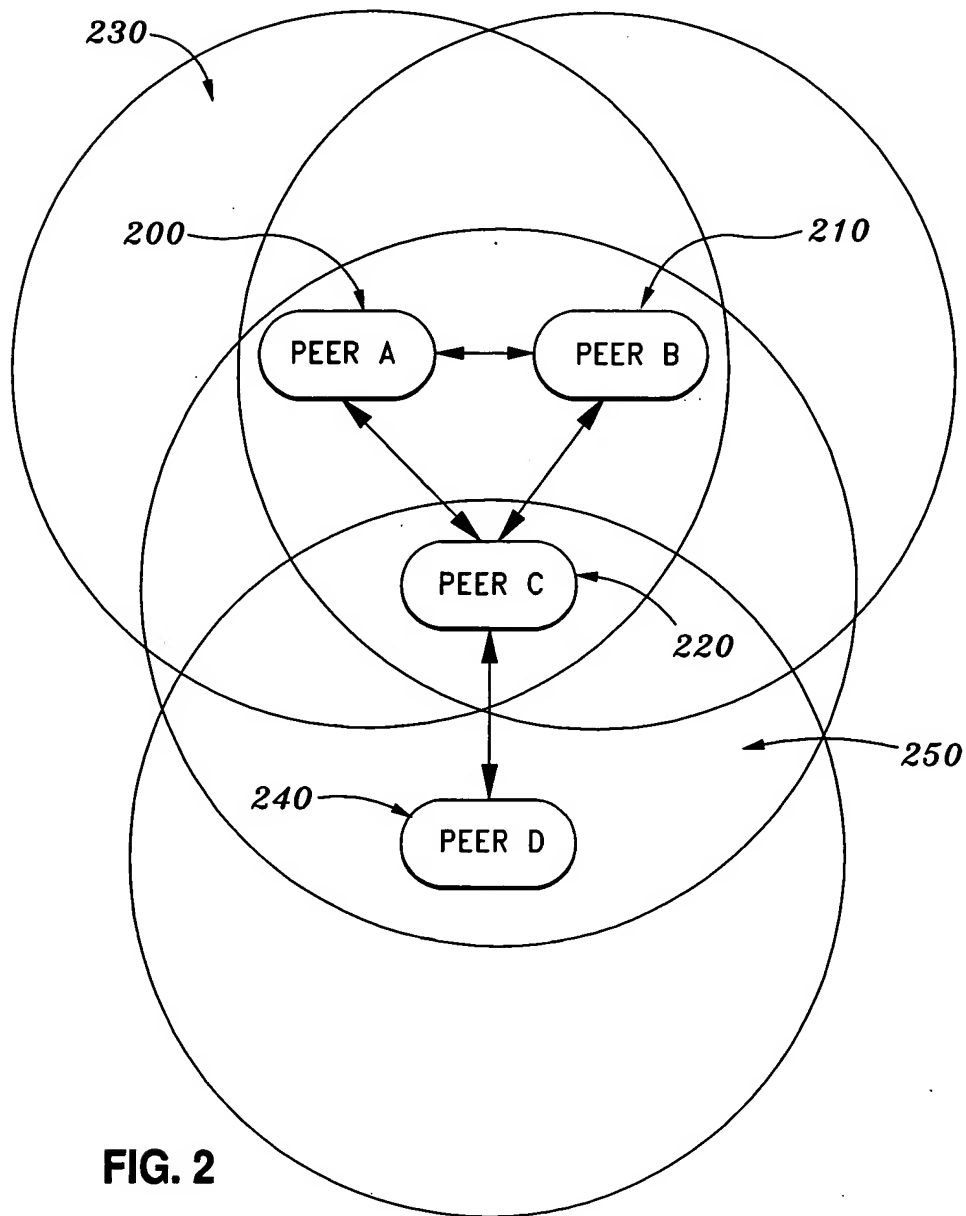
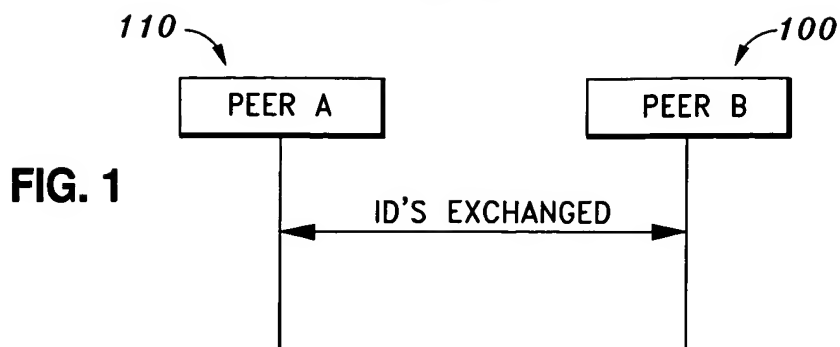
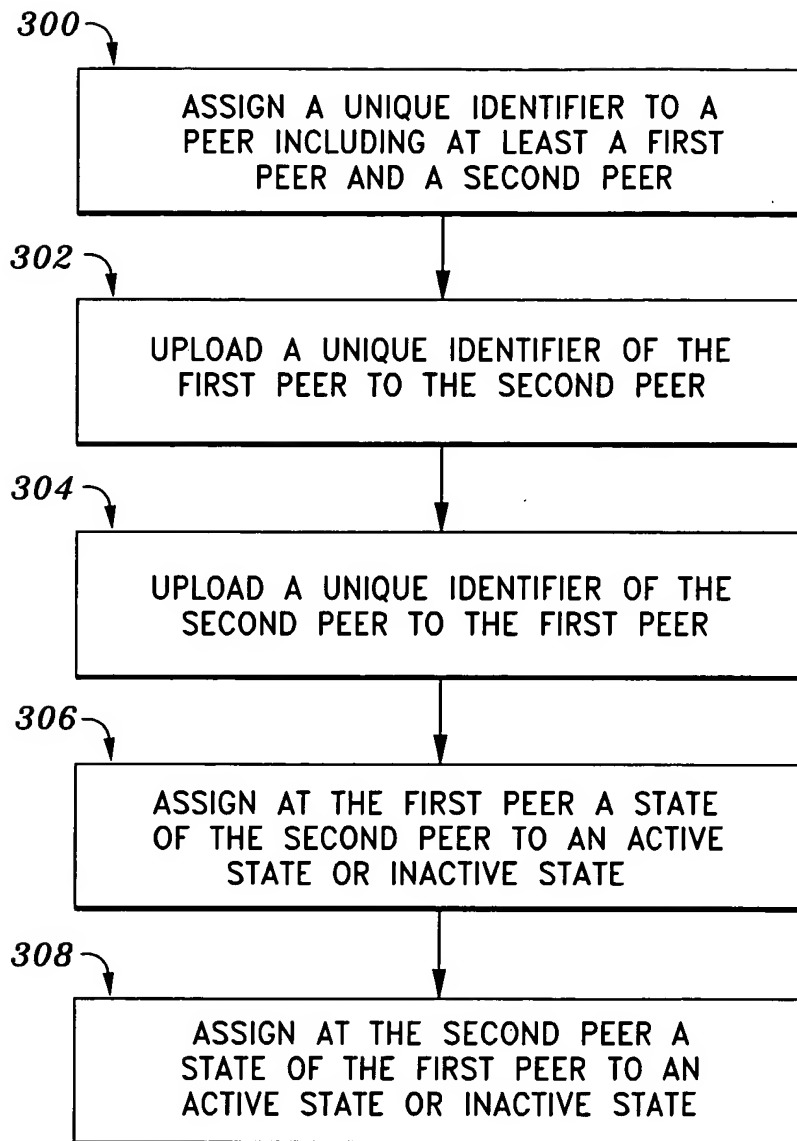


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**FIG. 3a**

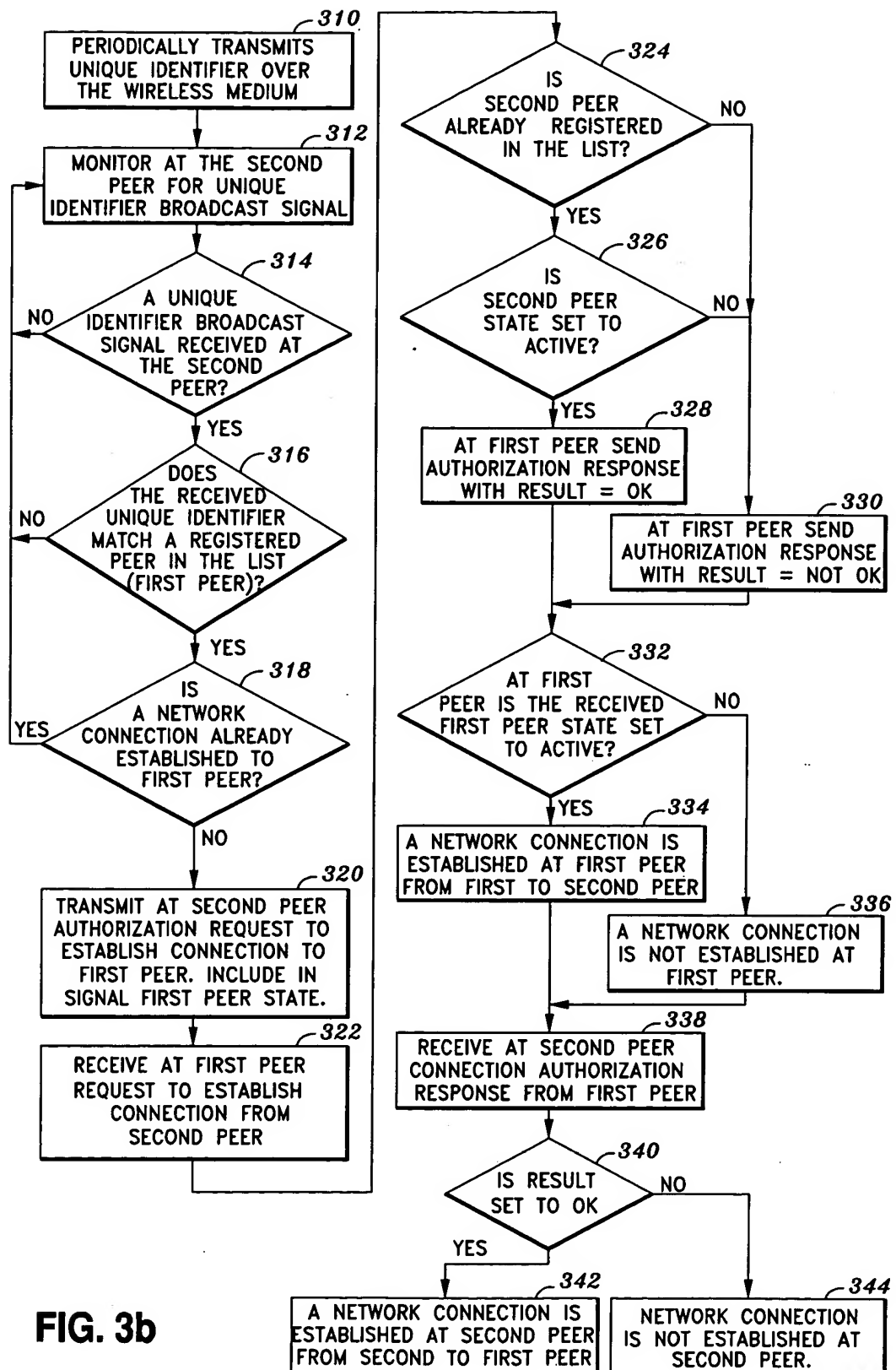


FIG. 3b

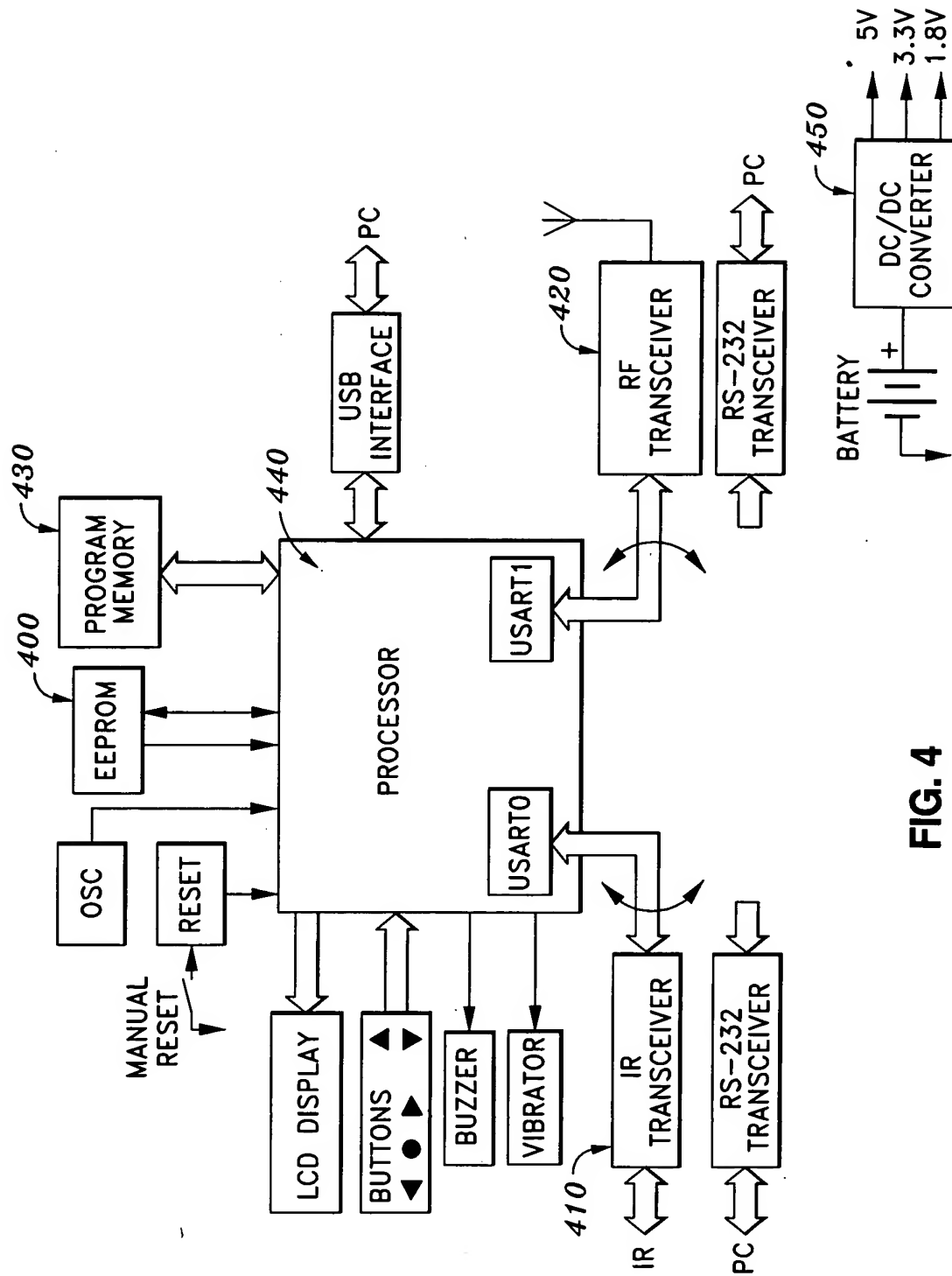


FIG. 4

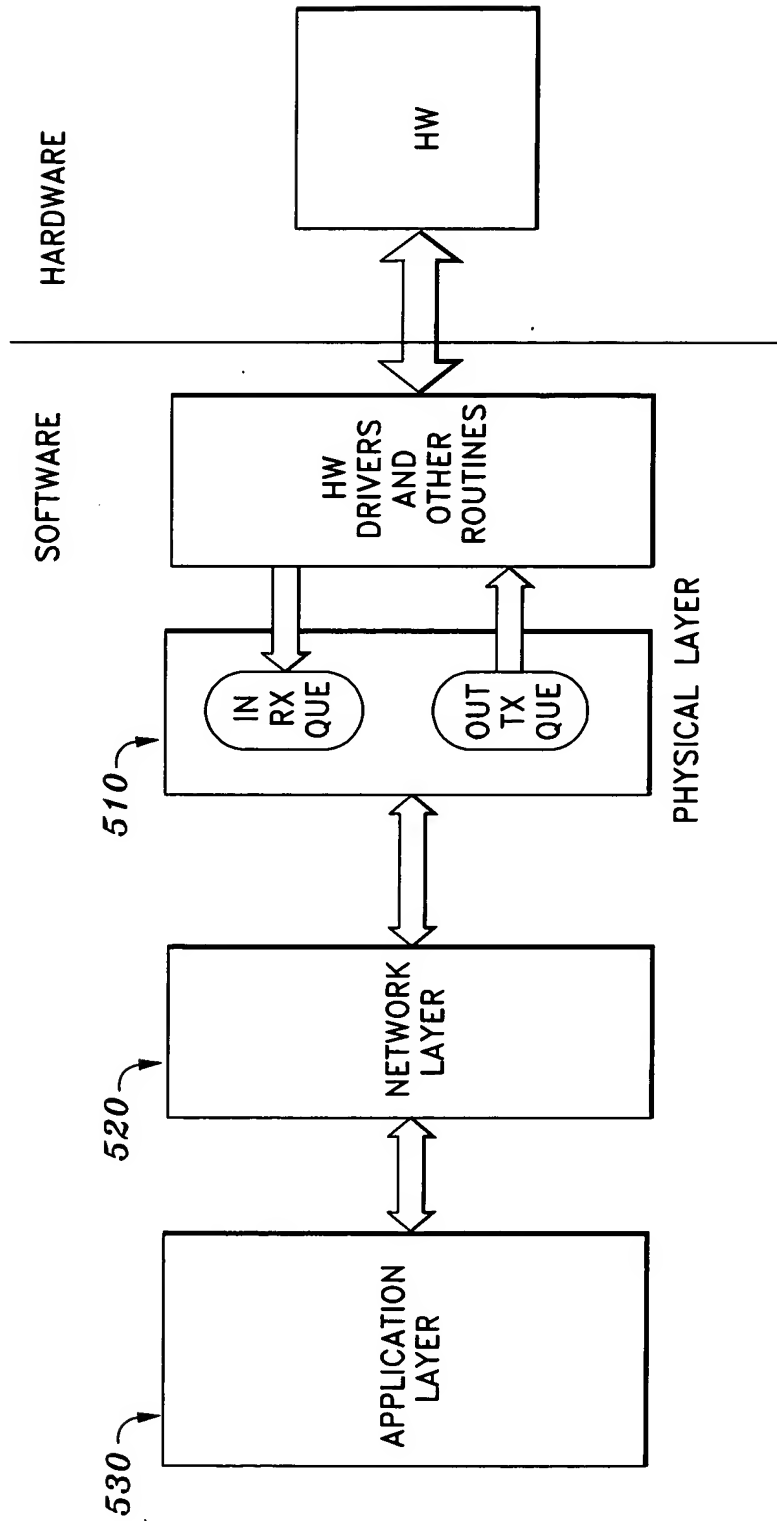


FIG. 5

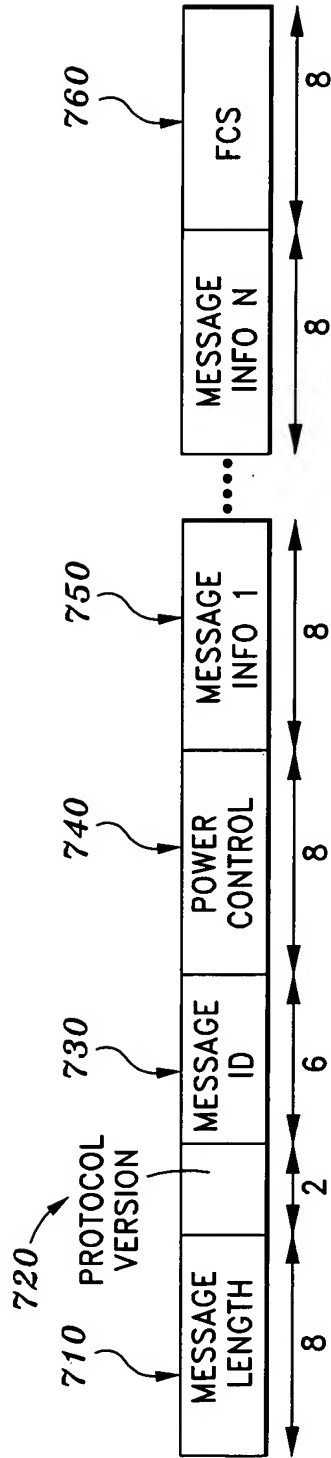
610 →

620 →

630 →

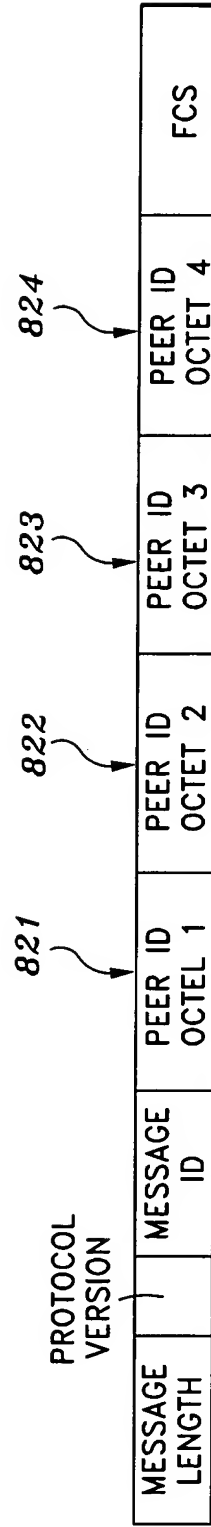
Method name	Parameters	Description
ServiceConnect	Destination ID, Service type	Opens a service connection to destination Buddy Finder for a specific service type.
ServiceClose	Service type	Closes currently open service connection.
Send	Data buffer, buffer length, transmission type.	Sends a data buffer with a specific length, the transmission type could be reliable or non reliable.
Receive	Data buffer, buffer length	Receives a buffer from the network with a specific buffer length
ServiceResult	Service type	Called by the network to notify the application for the last service operation result. For ServiceConnect: it indicates if connection has successfully established. For Send: It holds the result of sending the messages in reliable mode.
Broadcast	Service type, data buffer, buffer length	Used for broadcasting information to all peers within the range.

FIG. 6



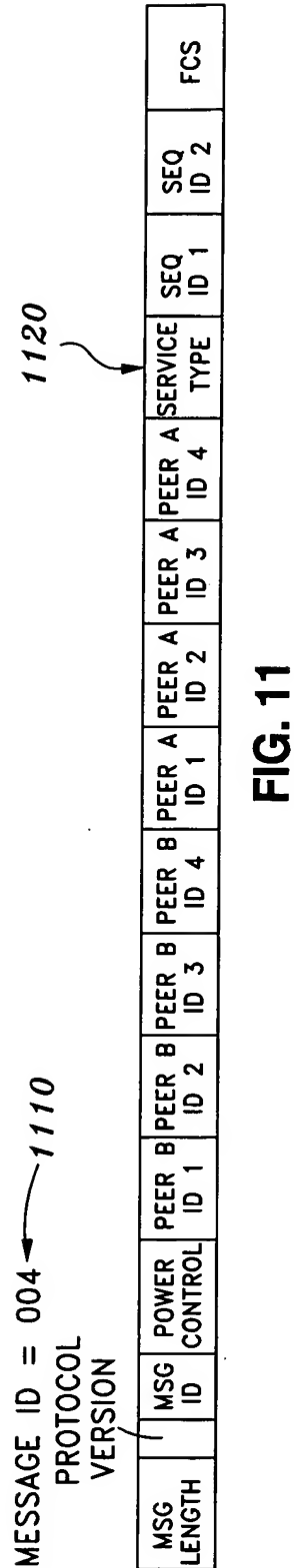
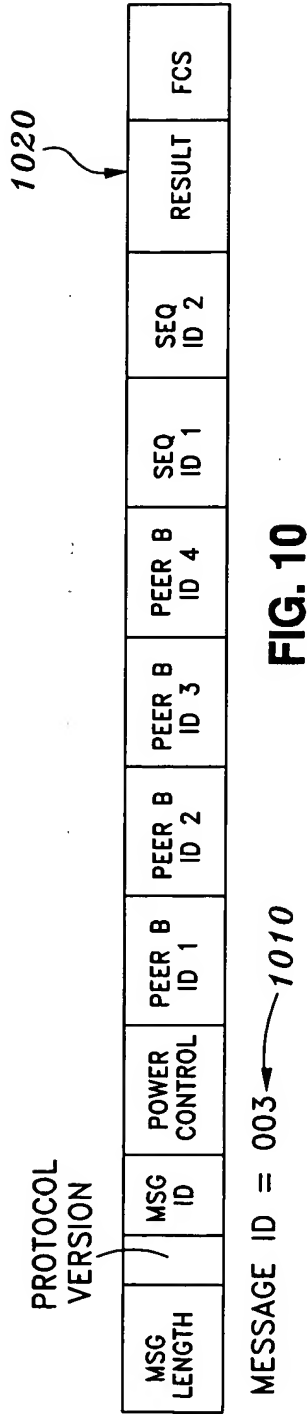
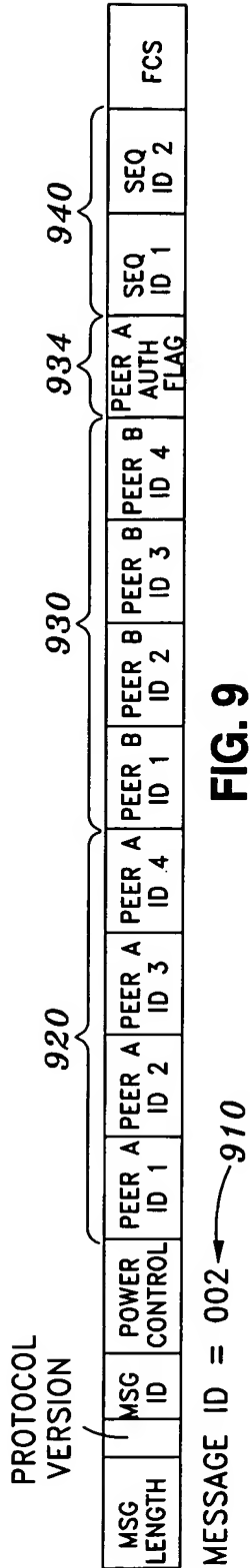
BITS:

FIG. 7



MESSAGE ID = 001

FIG. 8



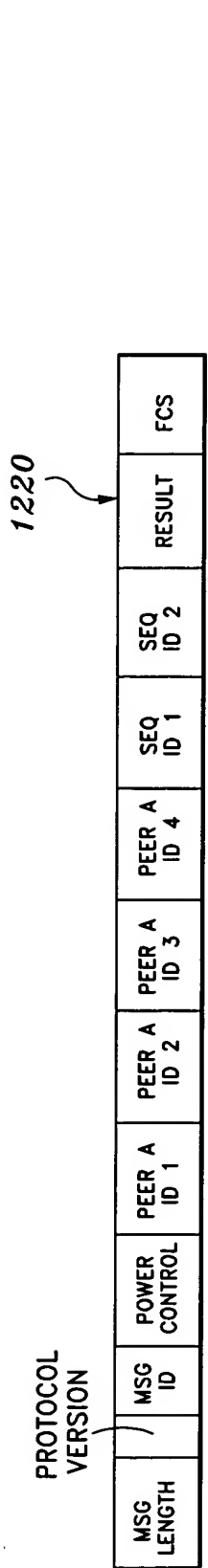


FIG. 12

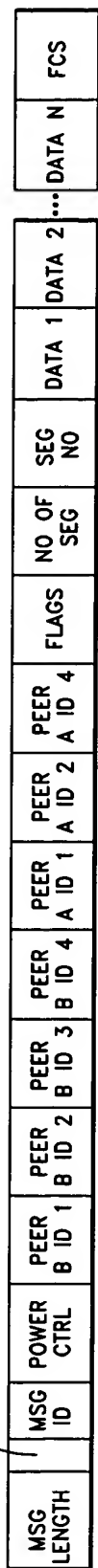


FIG. 13

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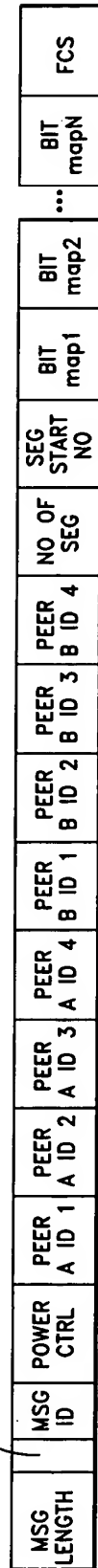


FIG. 14

MESSAGE ID = 008 ← 1510

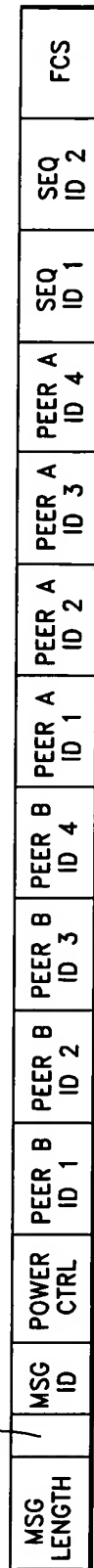


FIG. 15

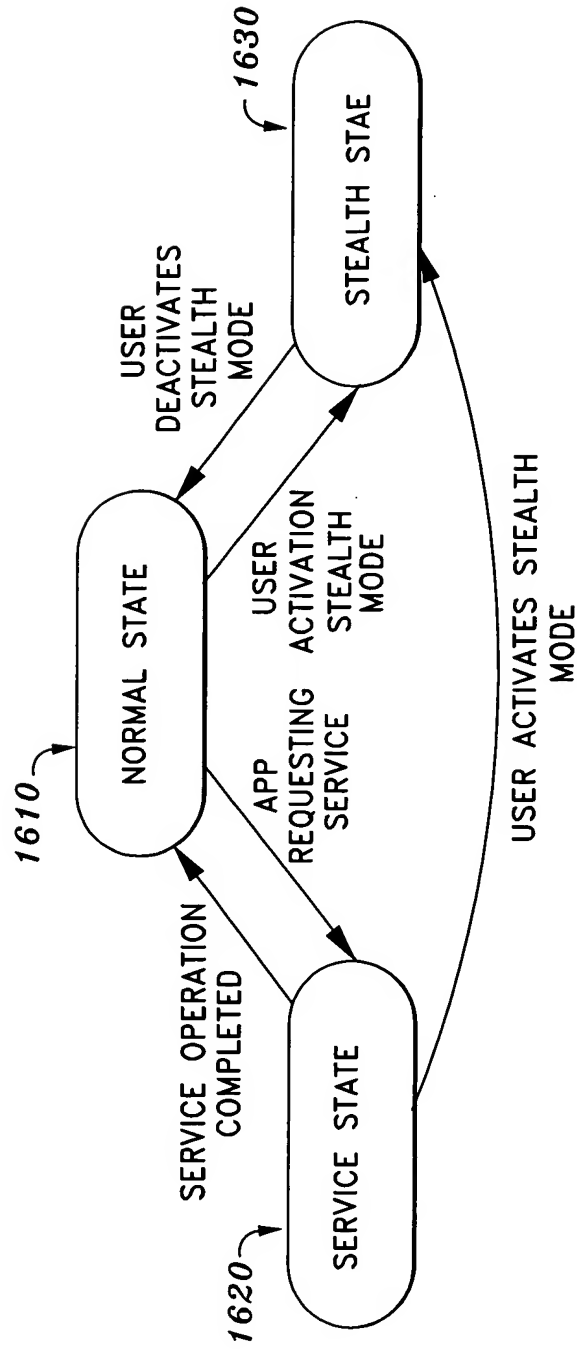


FIG. 16

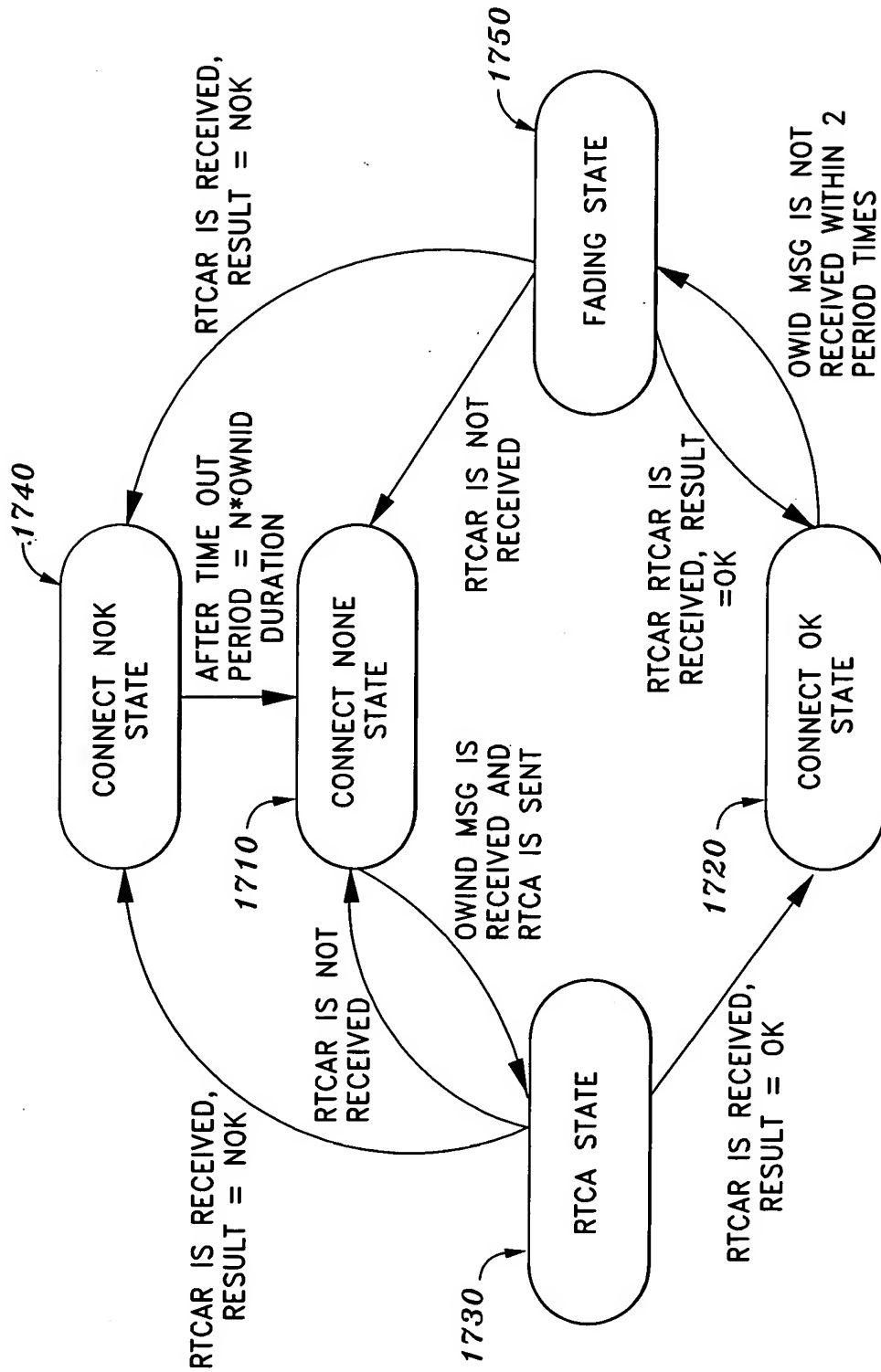


FIG. 17

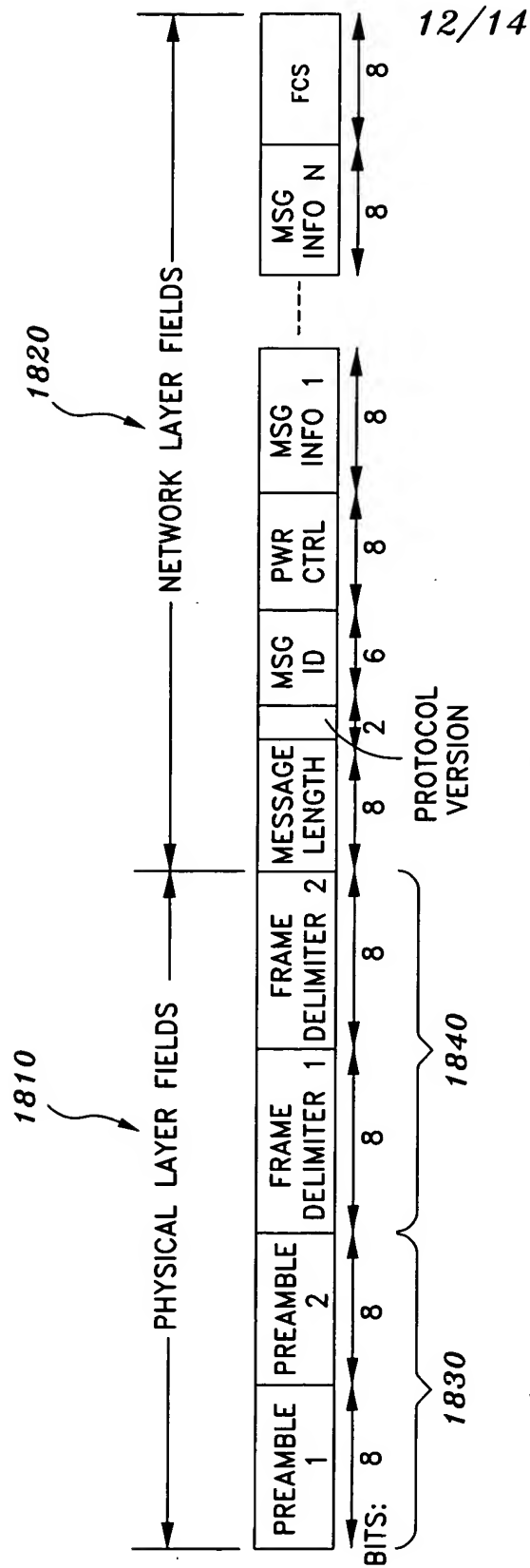


FIG. 18

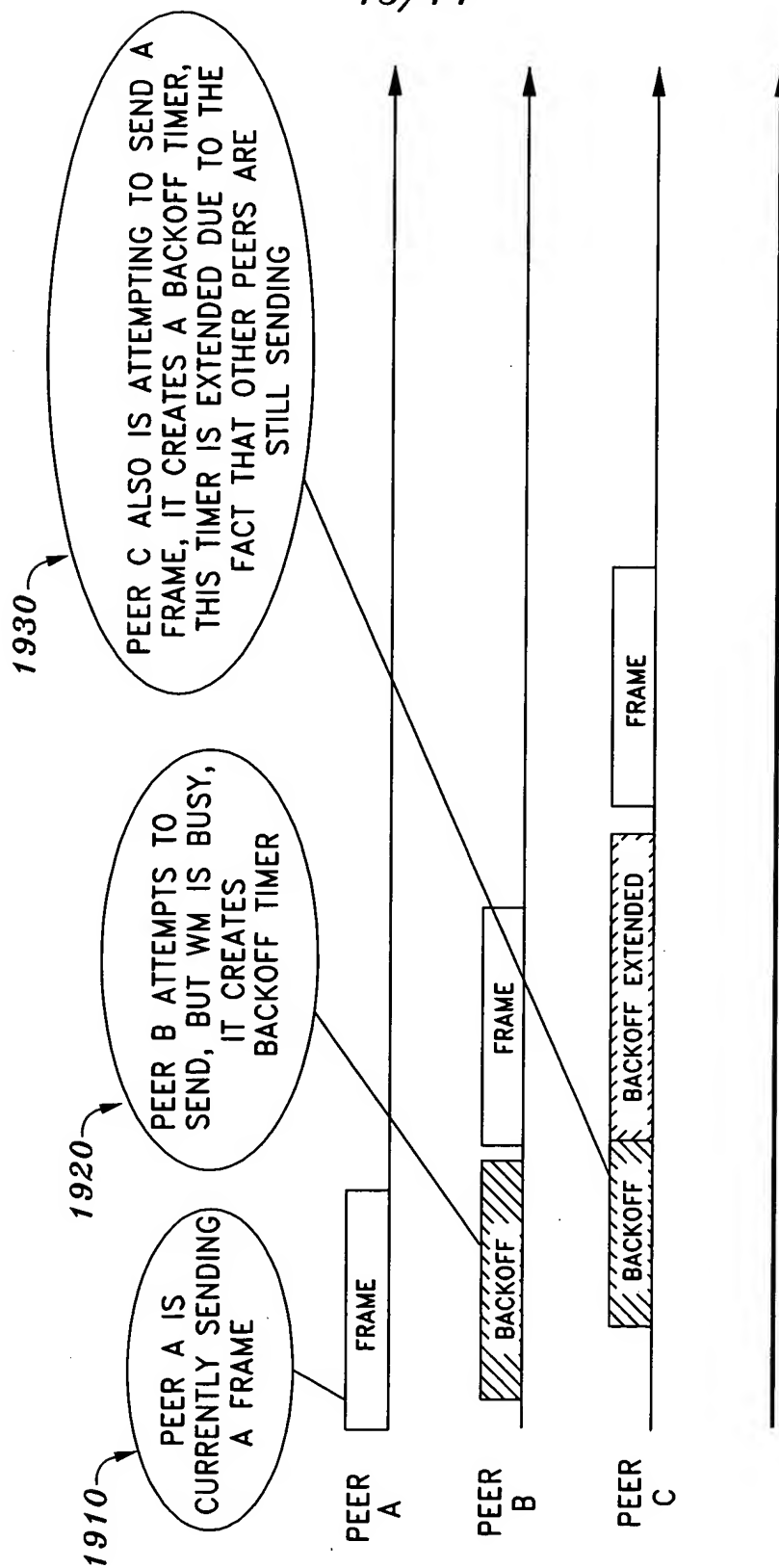


FIG. 19

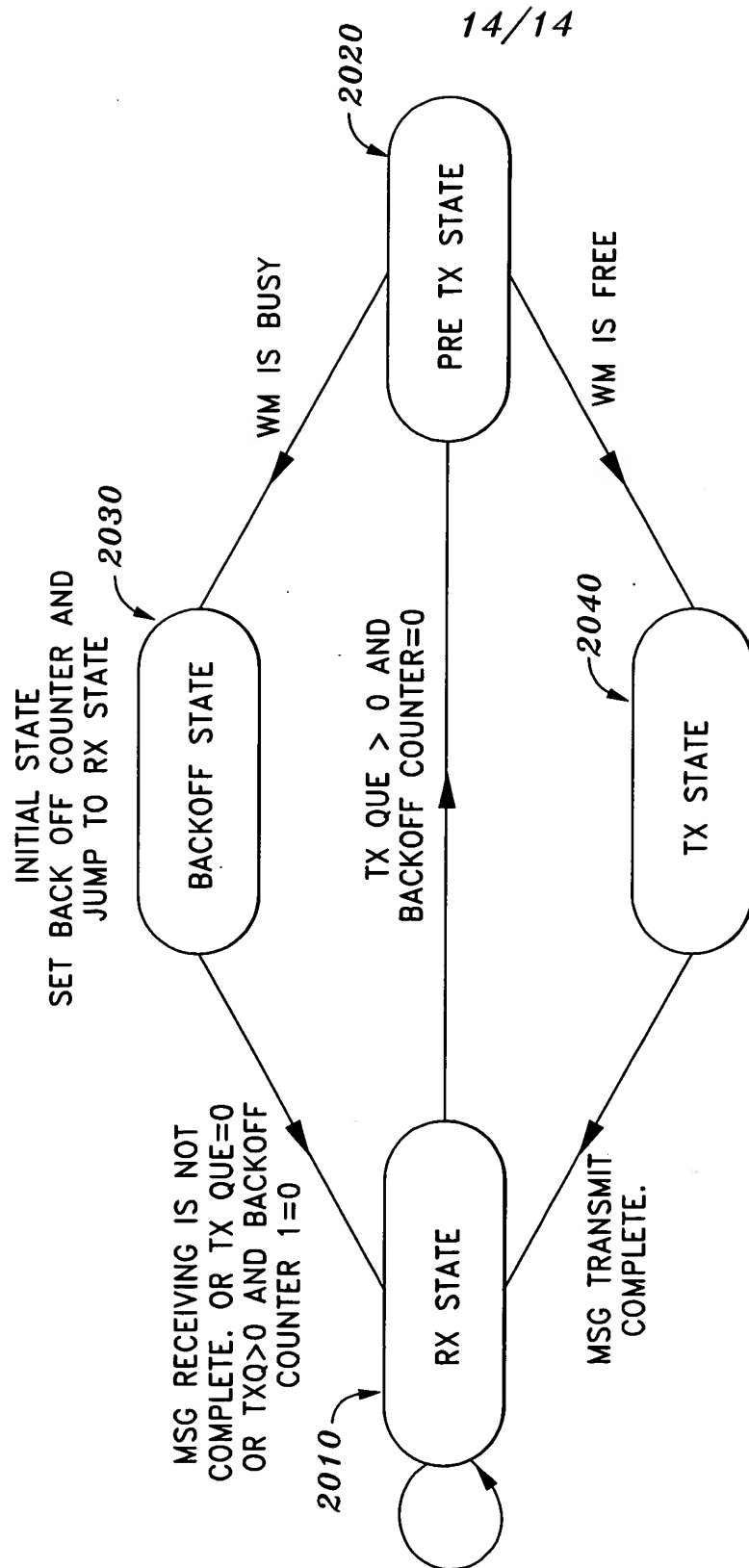


FIG. 20